



1015



**SOCOTEC**

OCCUPATIONAL HYGIENE AND ENVIRONMENTAL MONITORING LABORATORY

## TEST REPORT

**Site:**

Whatley Quarry

**Client:**

Mr A Fussell  
Hanson Aggregates  
Whatley Quarry  
Nr Frome  
Bath  
Somerset  
BA11 3LF

**Job Number:** 38200

**Report Number:** FD/ 20022

**Report Date:** 27/08/2021

Method N°. ENV/FD01: The determination of Fugitive Dust Based on BS 872: 2005

Method N°. ENV/FD05: The determination of reflectance values using a smoke stain reflectometer

UKAS accredited tests are denoted by an asterisk(\*)

SOCOTEC is not UKAS accredited for environmental dust gauge sampling. Results only apply to samples under test.

The dust samples will be retained at the laboratory for a period of 6 months in case extended analysis is required in future. Liquids associated with dust samples are not normally retained at the laboratory.

**Report Comment:**

**Approved by:**

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John Perry, Senior Analyst  
Environmental Laboratory  
Direct Dial: 01283 554488



# TEST REPORT



Report Number FD/ 20022 Job Number 38200 ID Number 196717  
Site Description Whatley Quarry  
Sample 4 - The Old School House  
Date Received 09/08/2021 Sampling Period 08/07/2021 to 06/08/2021 29 Days

UKAS accredited tests are denoted by an asterisk(\*)

**Method** ENV/FD01 **Gauge Type** Combined Frisbee deposit and Adh

\* Dust mass (mg) 44

Deposition ( $\text{mg}\cdot\text{m}^{-2}\cdot\text{d}^{-1}$ ) 38

Detection Limit (mg) 0.5 Date Tested 20/08/2021

**Method** ENV/FD05

**Result** Soiling **LOD** 1 **Date Tested** 19/08/2021

| Test / Direction | Measured Value * | Units         | Reported Result | Units                |
|------------------|------------------|---------------|-----------------|----------------------|
| N                | 99               | % reflectance | 0.0             | %EAC.d <sup>-1</sup> |
| NE               | 99               | % reflectance | 0.0             | %EAC.d <sup>-1</sup> |
| E                | 100              | % reflectance | 0.0             | %EAC.d <sup>-1</sup> |
| SE               | 100              | % reflectance | 0.0             | %EAC.d <sup>-1</sup> |
| S                | 99               | % reflectance | 0.0             | %EAC.d <sup>-1</sup> |
| SW               | 98               | % reflectance | 0.1             | %EAC.d <sup>-1</sup> |
| W                | 99               | % reflectance | 0.0             | %EAC.d <sup>-1</sup> |
| NW               | 99               | % reflectance | 0.0             | %EAC.d <sup>-1</sup> |